

USSN: 09/896,990  
Attorney Docket: 2001B053  
Page 3 of 10

---

second skin layer of metallizable HDPE (ExxonMobil HD6704.67) that is contiguous to a second surface of the polypropylene core layer. The total film structure thickness is 90 gauge (23 micron). The first sealant skin layer contains approximately 2,000 ppm of a non-migratory slip agent that is PMMA spheres (EPOSTAR<sup>®</sup> MA 1010). The average particle size of the PMMA spheres is 10 micron. This film structure is also flame treated on the second skin layer comprised of HDPE to improve adhesion of the aluminum to the film and to optimize the lamination bond strengths. --

On page 11, lines 19-20, delete the phrase "seal or second" and insert the phrase --first sealant--.

**IN THE CLAIMS:**

Please delete all of the pending claims, numbered 1-14, and insert the following new claims, numbered 15-33:

15. (New) A biaxially oriented, multilayer film, comprising:
- a) a core layer having a first surface, a second surface, and a thickness in the range of from 3-20  $\mu\text{m}$ , said core layer comprises a first polymeric material selected from the group consisting of a polypropylene homopolymer, a polypropylene-ethylene copolymer, and combinations thereof;
  - b) a first sealant skin layer contiguous to said first surface of said core layer, said first sealant skin layer having a thickness in the range of from 3-20  $\mu\text{m}$  and comprises:
    - a second polymeric material selected from the group consisting of ethylene-propylene-butene-1 terpolymer, ethylene propylene random copolymers, propylene butene copolymer, low density polyethylene polymer, and combinations thereof,
    - a non-migratory slip agent that is present in said first sealant skin layer in the range from 1000-8000 ppm based on the total weight of said first sealant skin layer, said non-migratory slip agent is a particulate polymethylmethacrylate

USSN: 09/896,990  
Attorney Docket: 2001B053  
Page 4 of 10

---

- polymer having particles whose size are at least 10% greater than the thickness of said first sealant skin layer; and
- c) a second skin layer contiguous to said second surface of said core layer, said second skin layer having a thickness in the range of from 1.5-6  $\mu\text{m}$  and comprises a third polymeric material selected from the group consisting of high density polyethylene, medium density polyethylene, and combinations thereof.
16. (New) The biaxially oriented, multilayer film of claim 15, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of at least 15% greater than the thickness of said first sealant skin layer, at least 20% greater than the thickness of said first sealant skin layer, and at least 40% greater than the thickness of said first sealant skin layer.
17. (New) The biaxially oriented, multilayer film of claim 16 wherein said second skin layer has a thin layer of metal deposited thereon, said thin layer of metal is comprised of aluminum, zinc, gold or silver.
18. (New) The biaxially oriented, multilayer film of claim 15, wherein said thickness of said first sealant layer is in the range of 5.5-10  $\mu\text{m}$ .
19. (New) The biaxially oriented, multilayer film of claim 15, wherein said non-migratory slip agent is present in said first sealant skin layer in the range from 1200-6000 ppm based on the total weight of said first sealant skin layer.
20. (New) The biaxially oriented, multilayer film of claim 19, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of at least 15% greater than the thickness of said first sealant skin layer, at least 20% greater than the thickness of said first sealant skin layer, and at least 40% greater than the thickness of said first sealant skin layer.
21. (New) The biaxially oriented, multilayer film of claim 20 wherein said second skin layer has a thin layer of metal deposited thereon, said thin layer of metal is comprised of aluminum, zinc, gold or silver.

USSN: 09/896,990  
Attorney Docket: 2001B053  
Page 5 of 10

---

22. (New) The biaxially oriented, multilayer film of claim 15, wherein said particulate polymethylmethacrylate polymer has a mean particle size that is in the range of from 7-20  $\mu\text{m}$ .
23. (New) The biaxially oriented, multilayer film of claim 22, wherein said non-migratory slip agent is present in said first sealant skin layer in the range from 1200-6000 ppm based on the total weight of said first sealant skin layer.
24. (New) The biaxially oriented, multilayer film of claim 23 wherein said second skin layer has a thin layer of metal deposited thereon, said thin layer of metal is comprised of aluminum, zinc, gold or silver.
25. (New) A package including a biaxially oriented three layer film, said film comprising:
  - a) a first sealant skin layer comprising an ethylene-propylene-butene-1 terpolymer and a particulate polymethylmethacrylate polymer, said first sealant layer having a thickness in the range of from 5.5-10  $\mu\text{m}$ , said particulate polymethylmethacrylate polymer having a mean particle size in the range of 7-20  $\mu\text{m}$  and is present in said first sealant layer in the range of from 1000-8000 ppm based on the total weight of said first sealant skin layer;
  - b) a core layer comprising an isotactic polypropylene polymer, said core layer having a first surface, a second surface, and a thickness in the range of from 3-20  $\mu\text{m}$ , said first surface of said core layer contiguous with said first sealant skin layer;
  - c) a second skin layer comprising a high density polyethylene polymer, said second skin layer having a thickness in the range of from 1.5-6  $\mu\text{m}$  and contiguous with said second surface of said core layer.
26. (New) The package of claim 25, wherein said second skin layer has a thin layer of metal deposited thereon, said thin layer of metal is comprised of aluminum, zinc, gold or silver.
27. (New) The package of claim 26, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of greater than 20% of said thickness of said first sealant layer, greater than 40% of said thickness of said first sealant layer, and greater than 50% of said thickness of said first sealant layer.

USSN: 09/896,990  
Attorney Docket: 2001B053  
Page 6 of 10

---

28. (New) The package of claim 27, wherein said second skin layer has a thin layer of metal deposited thereon, said thin layer of metal is comprised of aluminum, zinc, gold or silver.
29. (New) The package of claim 25, wherein said particulate polymethylmethacrylate is present in said first sealant layer in the range of from 1200-6000 ppm, and wherein said thickness of said second skin layer is in the range from 1.5-3.5  $\mu\text{m}$ .
30. (New) The package of claim 29, wherein said second skin layer has a thin layer of metal deposited thereon, said thin layer of metal is comprised of aluminum, zinc, gold or silver.
31. (New) A snack package, said snack package including a biaxially oriented metallized multi-layer film, said multi-layer film comprising:
- a) a core layer comprising an isotactic polypropylene polymer, said core layer having a first surface, a second surface, and a thickness in the range of from 3-20  $\mu\text{m}$ ;
  - b) a first sealant skin layer contiguous to said first surface of said core layer, said first sealant skin layer having a thickness in the range of from 5.5-10  $\mu\text{m}$  and comprising:
    - a particulate polymethylmethacrylate polymer having a mean particle size in the range of 3-20  $\mu\text{m}$  and is present in said first sealant layer in the range of from 1200-6000 ppm based on the total weight of the first sealant skin layer; and
  - c) a metallizable layer comprised of a high density polyethylene polymer, said metallizable layer is contiguous to said second surface of said core layer and having a thickness in the range of from 1.5-6  $\mu\text{m}$ ; and
    - wherein said metallizable layer having a thin layer of metal deposited thereon, said thin layer of metal is comprised of aluminum, zinc, gold or silver.
32. (New) The snack package of claim 31, wherein said particulate polymethylmethacrylate polymer has particles whose size is selected from the group consisting of greater than 20% of said thickness of said first sealant layer, greater than 40% of said thickness of said first sealant layer, and greater than 50% of said thickness of said first sealant layer.
33. (New) The snack package of claim 31, wherein said first sealant layer further comprises a fourth polymeric material that is selected from the group consisting of ethylene-

USSN: 09/896,990  
Attorney Docket: 2001B053  
Page 7 of 10

---

propylene-butene-1 terpolymer, ethylene propylene random copolymers, propylene butene copolymer, low density polyethylene, and combinations thereof.